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Articulation Agreements between California State College at Los Angeles and the Colleges of the Los Angeles City Junior College District.

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These articulation agreements have been negotiated so that the junior college student may complete the first two years toward his baccalaureate with courses that meet the requirements of his major. This bulletin merely lists the acceptable courses; details of curricula, course titles, descriptions, or units of credit may be found in the catalogs of the respective colleges. From this listing, the student can see what is needed, not only for his major, but also for completing his general education requirements. In some cases, a certain course may satisfy both needs. If the student elects courses that satisfy neither requirement, he may have to spend extra time in the lower division before transfer. This schedule also lists courses that satisfy minor and major requirements toward teaching credentials. The report may serve as a guide for other schools wishing to establish similar agreements. (HH)

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LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

Office of the Curriculum Coordinator

ARTICULATION AGREEMENTS

Between

CALIFORNIA STATE COLLEGE AT LOS ANGELES

and

THE COLLEGES OF THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

City College
East Los Angeles College
Harbor College
Pierce College
Southwest College
Trade-Technical College
Valley College

Revised: September 1, 1968

ALL PREVIOUS EDITIONS ARE OBSOLETE

- PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS
PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS
PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT
PART IV COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

UNIVERSITY OF CALIF.
LOS ANGELES

FEB 20 1968

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION

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INTRODUCTION

The parts of this bulletin have been developed through negotiations between the California State College at Los Angeles Office of Relations with Schools and the Los Angeles City Junior College District's Curriculum Office. The purpose of these agreements is to enable the CSCLA student attending a junior college to complete the first two years of his baccalaureate objective, with courses which meet the requirements for his particular major, as well as the general education requirements for graduation from Cal-State College at Los Angeles.

This bulletin merely lists courses acceptable for meeting the various requirements. Details regarding curricula, course titles, descriptions, or units of credit, may be obtained from the CSCLA catalog and from the catalogs of the respective Los Angeles Colleges.

In planning his two-year junior college program, the student should first consider the requirements for the major. Next, he should plan to complete as many of the general education requirements as possible. (In many instances, a given course may be applied to both the major and general education requirements. Courses in this category are so indicated in PART I). The including of electives which do not meet either the Major or General Education Requirements could result in extending the time required for completion of the bachelor's degree.

California State College at Los Angeles grants elective credit for all courses transferred from the junior colleges except those courses designated as remedial, or courses specifically serving the purposes of training in an occupational curriculum.

PART IV lists the courses offered in the Los Angeles Colleges which will satisfy requirements in majors and minors towards teaching credentials.

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PART I

COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

CSCLA REQUIRED COURSES

LAC COURSES WHICH MEET THE REQUIREMENT

AMERICAN STUDIES

B.A. Degree: No lower division course requirements. Students follow the G.E. program and add, as electives, courses in American language and literature, philosophy, fine arts, and social studies, including American origins of western civilization.

Major, Teaching: Candidates for a teaching credential planning to major in American Studies must consult the American Studies adviser before registration.

ANTHROPOLOGY

B.A. Degree:

Anthropology 250
Anthropology 260
Anthropology 270

Foreign Language

Anthropology 2

Anthropology 1

Anthropology 3

Foreign Language: Through
course 2 or three years of
high school language

ART

B.A. Degree:

Art 103

Art 104

Art 106

Art 111

Art 203

Art 234

Art 244

Art 11

Art 20

Art 1

Art 2

Art 12

Art 22

Art 24 or Art 25

Select two from the following:

Art 102

Art 202

Art 207

Art 52

Art 15

Art 51

CSCLA COURSES

LAC COURSES

ASIAN-AFRICAN STUDIES

This MINOR (only) is an interdisciplinary program designed for students who desire knowledge of this major area of the world as a complement to their chosen academic major.

Asian-African Studies 251
Asian-African Studies 252

BIOLOGY

B.A. Degree: Competence in Mathematics through Mathematics 103 (Algebra and Trigonometry) as shown by satisfactory performance in mathematics placement examination.

Biology 100AB

Biology 6-7 or Zoology 1-2
with Botany 1 or 2

Biology 100C

Chemistry 100AB

Physics 101-102

Botany 220

Electives (12 units)

Chemistry 1-2

Physics 6-7

Botany 2

Electives (8 units):

Additional courses, with at least one from each of the following groups:

(a) Chemistry, Physics, Mathematics 5,6,7 or 8

(b) Geology, Meteorology, Climatology, Microbiology 1

BOTANY

B.A. Degree

Biology 100AB

Biology 100C

Chemistry 100AB

Physics 101-102

Botany 220

Related Electives

Biology 6-7 or Zoology 1-2
with Botany 1 or 2

Chemistry 1-2

Physics 6-7

Botany 2

Related Electives: (8-11 units)

Two or three additional courses chosen from Chemistry, Geology, Mathematics 5,6,7 or 8

CSCLA COURSES

LAC COURSES

BUSINESS ADMINISTRATION

B.S. Degree

Core Requirements:

Business 200AB

Business 205

Business 209

Economics 201AB

Mathematics 240AB

Core Requirements:

Accounting 1-2

Business 5 or Law 1

Business 15

Economics 1-2

Mathematics 23-24, or 6 or 7

**Additional Requirement For
OPTION 7: OFFICE ADMINISTRATION**

Recommended:

Business 211

Secretarial Science 4,5,41,43 or
Office Machines 21

Business 212

Office Machines 1-2

BUSINESS EDUCATION

B. A. Degree:

Students electing the major in Business Education must demonstrate skill in typing equivalent to those required for Business 102B; in addition, those electing the secretarial option must demonstrate proficiency in shorthand and transcription equivalent to the requirements for Business 201B. These requirements may be met by college credit or by passing proficiency examinations in the subjects.

Business 113

Business 200AB

Business 205

Business 211

Business 1

Accounting 1-2

Business 5 or Law 1

Recommended:

Secretarial Science 4,5,41,43 or
Office Machines 21

Business 212

Office Machines 1-2

Economics 201AB

Economics 1-2

CSCLA COURSES

LAC COURSES

BUSINESS - MANAGEMENT SCIENCE

B.S. Degree:

Business 202
Business 205
Business 209
Business 294
Economics 201AB
Physics 101-103
Mathematics 102
Mathematics 103
Mathematics 201-203
Mathematics 290

Accounting 1
Business 5 or Law 1
Business 15
Business Data Processing 21-25-27
Economics 1-2
Physics 6-7
Mathematics 4
Mathematics 3
Mathematics 7-8
Mathematics 44

CHEMISTRY

B.S. Degree:

One year of German required
Chemistry 120ABC
Physics 201-206
Mathematics 201-205

German 1-2
Chemistry 1-2-5
Physics 1-2-3-4
Mathematics 7-8-11

B.A. Degree:

One year of German
Chemistry 120ABC
Physics 201-205
Mathematics 201-205

German 1-2
Chemistry 1-2-5
Physics 1-2-3-4
Mathematics 7-8-11

CHEMISTRY - BIOCHEMISTRY

B.S. Degree:

One year of German
Chemistry 120ABC
Physics 201-204
Mathematics 201-205
Biology 100AB

Microbiology 200AB

German 1-2
Chemistry 1-2-5
Physics 1-2-3-4
Mathematics 7-8-11
Biology 6-7 or Zoology 1-2
with Botany 1 or 2
Microbiology 1

CSCLA COURSES

DRAMA

B.A. Degree
Drama 102ABC
Drama 124AB
Drama 152
Drama 160

ECONOMICS

B.A. Degree
Economics 201AB
Mathematics 240AB
Business 202
Business 209

ENGINEERING

B.S. Degree
Engineering 101
Engineering 102
Engineering 201
Engineering 207
Engineering 209
Mathematics 201-205
Physics 201-205
Chemistry 100AB
Select one of the following:
Physics 206
Engineering 200
Engineering 202
Chemistry 100C

ENGLISH

B.A. Degree

Elect two of the following:
English 221
English 222
English 223

LAC COURSES

Theatre Arts 44-45
Theatre Arts 23
Theatre Arts 5
Theatre Arts 10 or Speech 3

Economics 1-2
Mathematics 23-24 or 6 or 7
Accounting 1
Business 15

General Engineering 4
General Engineering 15
General Engineering 7
General Engineering 5

Mathematics 7-8-11
Physics 1-2-3-4
Chemistry 1-2

General Engineering 6
Civil Engineering 1,2
Chemistry 1-2

English 13
English 12

CSCLA COURSES

FRENCH

B.A. Degree:
French 100ABC is prerequisite
French 200ABC

GEOGRAPHY

B.A. Degree:
Geography 150
Geography 160
Geography 240
Geography 260
Geography 265
Sociology 210AB

Major, Elementary & Secondary Teaching:

Geography 150
Geography 160
Geography 205
Geography 260
Geography 265

LAC COURSES

French 3,4

Geography 2
Geography 1
Geography 5
Geography 3
Geography 4
Statistics 1 (Sociology 210A only)

Geography 2
Geography 1

Geography 3 or Meteorology 3
Geography 4

GEOLOGY

B.A. Degree and Teaching Major:

Geology 150
Geology 152
Geology 201
Geology 202
Mathematics 201-3
Physics 101-103 or
Physics 201-3
Chemistry 100ABC

Geology 4 or 1 with 6
Geology 5 or 2 with 7
Mineralogy 1
Mineralogy 2
Mathematics 7-8
Physics 6-7 or
Physics 1-2-3
Chemistry 1-2

B.S. Degree:

Geology 150
Geology 152
Geology 201
Geology 202
Mathematics 201-203
Chemistry 100ABC
Physics 201-203

Geology 4 or 1 with 6
Geology 5 or 2 with 7
Mineralogy 1
Mineralogy 2
Mathematics 7-8
Chemistry 1-2
Physics 1-2-3

Additional courses in Chemistry,
Physics, or Mathematics
(12 units)

Additional courses in Chemistry,
Physics, or Mathematics
(8 units)

GERMAN

No B.A. Degree Major offered; see Minor, Teaching

CSCLA COURSES

GOVERNMENT

B. A. Degree

Government 201ABC

Government 202ABC

Sociology 210AB

Public Service Option:

Business 202

Economics 201A

Pre-Legal Option:

History 101ABC

or History 202AB

or English History

Economics 201A

or Economics 301

Philosophy 250

International Relations Option:

One year of foreign language,
selected with approval of
adviser (12)

General Government Option:

One year of foreign language

or

select from following (12 units):
(Not more than 8 units from one
department)

History 101ABC

Economics 201A

or Economics 301

Major, Teaching:

Government 201ABC

Government 202ABC

Foreign Language, one year
or 12 units, no more than 8
In one department from the
following:

History 101ABC

Economics 201A

or Economics 301

Sociology 210A

LAC COURSES

Political Science 2

Statistics 1 (Satisfies 210A
requirement only)

Economics 1

History 1-2

History 11-12 or 17-18

Economics 1 or 2

Philosophy 8

One year of foreign language

One year of foreign language

or

select from following (8 units)

History 1,2

Economics 1 or 2

Political Science 2

Foreign Language 1-2

or 3 courses:

History 1,2

Economics 1 or 2

Statistics 1

CSCLA COURSES

LAC COURSES

HEALTH AND SAFETY

No B.A. Degree Major offered; see Minor, Teaching

HISTORY

B.A. Degree:
History 101ABC
History 202AB

History 1-2
History 11-12 or History 17-18

HOME ECONOMICS

B.A. Degree And Teaching Major:
Required General Education Courses:

Sociology 250
or Anthropology 250
Economics 150
Zoology 150
Chemistry 151-152
Home Economics 101
Home Economics 120
Home Economics 201
Home Economics 205
Home Economics 210
Home Economics 211
Home Economics 220

Anthropology 2
Economics 5
Zoology 1
Chemistry 3 (Chemistry 151 ONLY)
Home Economics 13
Home Economics 31 or Sociology 12
Home Economics 10
Home Economics 17
Home Economics 24
Home Economics 21
Home Economics 60

HOME ECONOMICS

B.S. Degree (Dietetics):

Chemistry 151-152-153 or 100AB
Microbiology 150
Sociology 250 or
Anthropology 250
Business Administration 202
Zoology 200AB
Home Economics 101
Home Economics 120
Home Economics 210
Home Economics 211
Home Economics 220

Electives Recommended:

Home Economics 201
Home Economics 205

Chemistry 1-2
Microbiology 20

Anthropology 2
Accounting 1

Home Economics 13
Home Economics 31 or Sociology 12
Home Economics 24
Home Economics 21
Home Economics 60

Home Economics 10
Home Economics 17

CSCLA COURSES

LAC COURSES

INDUSTRIAL STUDIES

**B.A. Degree in Industrial Arts:
Major, Secondary Teaching**

Foundation Program:

Industrial Arts 100
Industrial Arts 110

Industrial Arts 120
Industrial Arts 130
Industrial Arts 144
Industrial Arts 160
Industrial Arts 170
Industrial Arts 290

Undergraduate Professional Courses:

Industrial Arts 101
Industrial Arts 200
Industrial Arts 300AB

B.S. Degree in Printing Management:

Graphic Arts Courses:

Industrial Arts 130
Industrial Arts 231

Business Administration Courses:

Business 200AB
Business 205
Economics 201AB

Industrial Arts 5
Industrial Arts 21 or General
Engineering 2 or Drafting 1
Electronics 4 with 5
Industrial Arts 41 or Graphic Arts 1

Industrial Arts 11
Industrial Arts 1
Photography 10

Industrial Arts 41 or Graphic Arts 1

Accounting 1-2
Business 5 or Law 1
Economics 1-2

JAPANESE

No B.A. Degree Major offered; see Minor, Teaching

JOURNALISM

B.A. Degree:

Journalism 201
Journalism 202

Journalism 1
Journalism 2

Major, Secondary Teaching:

Journalism 100
Journalism 201
Journalism 202

Journalism 5
Journalism 1
Journalism 2

CSCLA COURSES

LATIN AMERICAN STUDIES

B.A. Degree
Anthropology 250
Geography 150
Spanish 200ABC

MATHEMATICS

B.A. Degree
Mathematics 201-205
Mathematics 290
Physics 201-205

B.S. Degree:
Mathematics 201-205
Mathematics 290
Physics 201-206
Chemistry 100AB

Major, Teaching:
Mathematics 201-205
Mathematics 290
Physics 201-202

MICROBIOLOGY

B.A. Degree: *
Mathematics 102
Mathematics 103
Chemistry 100ABC
Chemistry 201
Biology 100AB
Physics 101-103
Microbiology 200AB

B.S. Degree:
Major in Sanitary Science:
Mathematics 102
Mathematics 103
Biology 100AB
Chemistry 100ABC
Physics 101-3
Microbiology 200AB
Biology 100C

*B.S. Degree, Medical Technology:
Zoology 200AB
To be added to the B.A. Degree requirements curriculum.

LAC COURSES

Anthropology 2
Geography 2
Spanish 3-4

Mathematics 7-8-11
Mathematics 44
Physics 1-2-3-4 (satisfies 201-205)

Mathematics 7-8-11
Mathematics 44
Physics 1-2-3-4
Chemistry 1-2

Mathematics 7-8-11
Mathematics 44
Physics 1-2

Mathematics 4
Mathematics 3
Chemistry 1-2
Chemistry 5
Biology 6-7 or Zoology 1-2
Physics 6-7
Microbiology 1

Mathematics 4
Mathematics 3
Biology 6-7 or Zoology 1-2
Chemistry 1-2
Physics 6-7
Microbiology 1

CSCLA COURSES

LAC COURSES

MICROBIOLOGY (Cont.)

Major in Biostatistics:

Biology 100AB
Biology 100C
Chemistry 100AB
Microbiology 200A
Mathematics 102
Mathematics 103
Mathematics 201
Mathematics 290

Biology 6-7 or Zoology 1-2

Chemistry 1-2
Microbiology 1
Mathematics 4
Mathematics 3
Mathematics 7
Mathematics 44

MUSIC

B.A. Degree

Music 260ABC

(Students must be prepared to
show basic proficiency in
piano skills prior to
beginning this sequence, or
take Music 240ABC)

Music 231A

Select from following (6 units):

Music 110sp,bw
Music 210s,w,b,p

Select from following (9 units):

Music 120
Music 121
Music 122
Music 126
Music 127

Option I - Non-credential:

Select from following (1 unit):

Music 120
Music 121
Music 122
Music 126
Music 127

Option II - Choral Emphasis

Music 231B

Music 2-6 and 3-7

Music 40 or 41

Music 70,71,72

Music 76 or 77
Music 74

Music 56 or 57
Music 55 or 58

Music 76 or 77
Music 74

Music 56 or 57
Music 55 or 58

Music 40 or 41

CSCLA COURSES

MUSIC (Cont.)

Option III - Instrumental Emphasis
Music 210s,w,b,p
(Percussion majors substitute
410w for 210p)

Option IV - Elementary Emphasis:
Music 231B

NURSING

B.S. Degree:
Zoology 200AB
Microbiology 200AB
Chemistry 100AB

General Program for Registered Nurse:
Microbiology 200AB

PHILOSOPHY

B.A. Degree:
Philosophy 150
Philosophy 250

PHYSICAL EDUCATION

B.A. Degree

Major, Secondary Teaching:
Zoology 200AB
Physical Education 199
Physical Education 180,181,182 }
Physical Education 280,281,282 }

PHYSICS

B.S. Degree
Major in Physics
Physics 201-206
Chemistry 120ABC
Mathematics 201-205

LAC COURSES

Music 70,71,72

Music 40 or 41

Microbiology 1
Chemistry 1,2

Microbiology 1

Philosophy 1-2
Philosophy 8

Physical Education 16 or 30
Physical Education 31-32-33;
36-37-39 for Men

Physics 1-2-3-4
Chemistry 1-2-5
Mathematics 7-8-11

CSCLA COURSES

PHYSICS (Cont.)

B.S. Degree:

Major in Biophysics:

Physics 201-206

Chemistry 120ABC

Mathematics 201-205

Biological Sciences

Major, Teaching:

Physics 201-206

Chemistry 120ABC

Mathematics 201-205

LAC COURSES

Physics 1-2-3-4

Chemistry 1-2-5

Mathematics 7-8-11

Zoology, Botany and Microbiology
(12 units)

Physics 1-2-3-4 (201-205 only)

Chemistry 1-2-5

Mathematics 7-8-11

POLICE SCIENCE

B.S. Degree

Police Science 101

Police Science 126

Police Science 221

Police Science 222

Police Science 235

Police Science 236

Police Science 238

Health & Safety 201

Electives:

Police Science 262

Police Science 264

Police Science 282

Police Science 283

Police Science 1

Police Science 2

Police Science 3

Police Science 4

Police Science 5

Police Science 7

Police Science 6

Police Science 11

Police Science 62

Police Science 9

Police Science 10

PRINTING MANAGEMENT

B.S. Degree:

See Industrial Studies, B.S. Degree

PSYCHOLOGY

B.A. Degree

One course from:

Chemistry 100A,B,151,152

Physics 101,102,150

One course from:

Chemistry 1,2,3,11

Physics 6 or 11

CSCLA COURSES

LAC COURSES

PSYCHOLOGY (Cont.)

B.A. Degree:

One course from:

Biology 100A,B, 151
Zoology 150, 200A,B

One course from:

Biology 6,7
Zoology 1

One course from either of two preceding groups or from:

Philosophy 250
Anthropology 250,260

Philosophy 8
Anthropology 2,1

Required courses:

Mathematics 102

Psychology 150

Psychology 150L

Psychology 201

Psychology 201L

One year of Foreign Language
(Two years or equivalent of
foreign language are recom-
mended, preferably French,
German, or Russian)

Mathematics 4

Psychology 1

Psychology 2

One year of Foreign Language

RADIO AND TELEVISION BROADCASTING

B.A. Degree:

Foreign Language:

(3 quarters of same foreign
language selected from 100
or 200 level courses)

Broadcasting 200

Broadcasting 201

**Option A: Cultural Backgrounds
for Broadcasting**

(No more than 4 units of lower
division courses representative
of both departments)

Speech 267

English 250

English 221

English 223

**Option B: Informational
Broadcasting**

Journalism 201

Foreign Language:

Either the first or second
year in one language

Broadcasting 10

Speech 4

English 2

English 12

Journalism 1

CSCLA COURSES

LAC COURSES

RADIO AND TELEVISION BROADCASTING (Cont.)

B.A. Degree

Option C: Educational & Instructional Broadcasting

English 250

Speech 176

Speech 278

Speech 11

RECREATION EDUCATION

B.S. Degree

Recreation Education 132

Recreation Education 232

Recreation Education 236

Art 102

Physical Education 44 or 45

Physical Education 43

Physical Education 48

Art 52

SOCIAL SCIENCE

B.A. Degree:

Option in Economics:

Economics 201AB

History 101ABC

or History 202AB

Government 150

Geography 150

Geography 160

Sociology 250

or Anthropology 250

Mathematics 240AB

Economics 1-2

History 1-2

History 11-12 or 17-18

Political Science 1

Geography 2

Geography 1

Anthropology 2

Mathematics 23-24 or 6 or 7

Option in Geography:

Geography 150

Geography 160

Geography 205

History 101ABC

or History 202AB

Economics 201A

or Economics 301

Sociology 250

or Anthropology 250

Government 150

Geography 2

Geography 1

History 1-2

or History 11-12 or 17-18

Economics 2 or 1-2

Anthropology 2

Political Science 1

CSCLA COURSES

SOCIAL SCIENCE (Cont.)

B.A. Degree

Option in Government:

Government 150
Government 201AB
Government 202AB
Government 201C
History 101ABC
or History 202AB
Geography 150
Geography 160
Economics 201A
or Economics 301
Sociology 250
or Anthropology 250

Option in History:

History 101ABC
History 202AB
Geography 150
Geography 160
Government 150
Economics 201A
or Economics 301
Sociology 250
or Anthropology 250

SOCIOLOGY

B.A. Degree:

Sociology 201AB
Sociology 210AB

SPANISH

B.A. Degree:

Spanish 100ABC or its equivalent
is prerequisite to the program.
Spanish 200ABC

LAC COURSES

Political Science 1

Political Science 2

History 1-2
or History 11-12 or 17-18

Geography 2
Geography 1
Economics 1 or 2

Anthropology 2

History 1-2
History 11-12 or 17-18
Geography 2
Geography 1
Political Science 1
Economics 1 or 2

Anthropology 2

Sociology 1-2
Statistics 1

Spanish 3-4

CSCLA COURSES

LAC COURSES

SPEECH

B.A. Degree:

Speech 150

Speech 176

Speech 267

Speech 278

Select from following (4 units):

Speech 177 }

Speech 277 }

Speech 1

Speech 11

Speech 4

Speech 13

B.A. Degree, Speech Pathology:

Speech 160

Speech 3 or Theatre Arts 10

Major in Speech Combined with Speech/Hearing Credential:

Speech 150

Speech 160

Speech 176

or Speech 278

Speech 267

Speech 1

Speech 3 or Theatre Arts 10

Speech 11

Speech 4

ZOOLOGY

B.S. Degree

Biology 100ABC

Chemistry 100ABC

Physics 101-102-103

Foreign Language - one year

Biology 6-7 (100AB only) or

Zoology 1-2 with Botany 1 or 2

Chemistry 1-2

Physics 6-7

Foreign Language 1-2

PART II

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

A total of 48 units is required.

I. Social Sciences

9 units

Courses must be selected from two or more fields:

A. The mandatory History and Constitution requirement may be satisfied by taking either:

1. History 5 with 6, 11 with 12, 17 with 18

or

2. Political Science 1 with one History course chosen from 5,6,11,12,13,14,15,17,18

B. One course chosen from:

Anthropology 2; Economics 1,2,5; Geography 2;
Political Science 2; Sociology 1,2,10

II. Natural Sciences

9 units

Courses must include both a physical and a life science. At least one course in each area must include one unit of laboratory.

A. Physical Sciences

At least one course from:

Chemistry 1,2,3,11; Geology 1 with 6, 2 with 7, 4,5;
Mineralogy 1,2,10,11,12; Physical Science 1,2;
Physics 1,2,3,4,6,7,11,12,14,21

B. Biological Sciences

At least one course from:

Biology 1,2,3,6,7,10,12,23,24; Botany 1,2,3;
Microbiology 1,20; Physiology 1,3; Zoology 1,2,5,6

C. Additional Science courses:

Anatomy 1; Astronomy 1,2; Chemistry 4,5,6,7,8;
Earth Science 1; Geography 3; Meteorology 3;
Microbiology 6; Paleontology 1

III. Humanities

9 units

Courses must represent at least two of the following three areas and may not include more than four units in Fine Arts.

A. Fine Arts

Art 1,2,3,5,11,12,20,21,22,23,24,25,26,27,28,29,52;
Humanities 1,2,5;
Music 30,31,32,33,34;
Physical Education 28;
Theatre Arts 2,5,6

B. Literature

English 2,3,4,5,6,7,8,11,12,13,14,15,16,20;
Humanities 40;
Theatre Arts 7

C. Philosophy

Philosophy 1,2,3,4,6,7,8,9,15,20,21,22;
History 7

IV. Communication

6 units

Course work must be taken in each area.

A. Oral

Speech 1,2,4,11,12

B. Written

English 1

V. Health and Physical Education

4 units

Course work must be taken in each area.

A. Health Education

Health 10, 11

V. Health and Physical Education (Cont.)

4 units

B. Physical Education (2 units required)

Physical Education activity is required of all students under the age of 25 at the time of their first CSCLA registration, unless medically exempted by petition or met by transfer courses.

VI. Psychology

3 units

Psychology 1,2,6

VII. Additional General Education Courses (to total 48 units)

8 units

Additional credit may be earned in the following manner:

A. Any excess units earned in meeting the above requirements.

B. Foreign languages.

C. College level Mathematics with prerequisites of elementary algebra and plane geometry.

D. Accounting 1; Anthropology 1,3; Business 1,5; Geography 1,3;
History 1,2,3,4,16,20,21,27,29,35; Home Economics 31; Humanities 10,
30,31; Law 1; Political Science 7,8; Psychology 3,5; Sociology 12

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT

California State College at Los Angeles grants elective credit for all courses transferred from the junior colleges except those courses designated as remedial, or courses specifically serving the purposes of training in an occupational curriculum.

PART IV

COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

The lower division requirements for Elementary and Secondary Credential majors are, in most cases, the same as for the non-teaching credential majors offered by the various departments at CSCLA. The requirements for these regular majors are outlined in PART I of this bulletin.

Lower division requirements for the minors for Elementary and Secondary Credentials are generally less comprehensive than for regular majors and are therefore given in detail herein.

Credential candidates must complete the same basic general education pattern required of all students.* In addition to all other requirements, the candidate for the Elementary Credential must complete the following course:

| <u>CSCLA COURSE</u> | <u>LAC COURSE WHICH MEETS THE REQUIREMENT</u> |
|---------------------------|---|
| Mathematics 120 | Mathematics 25 or 35 |
| Recommended: Music 160 | Recommended: Music 28 |

* No more than 6 semester hours of course work in the major or minor may apply toward general education.

I. MAJOR AND MINOR REQUIREMENTS FOR TEACHING CREDENTIALS

A. Elementary

Completion of an academic major in one of the following subjects:

| | | | |
|------------------|------------|--------------|----------------|
| American Studies | Economics | History | Psychology |
| Anthropology | English | Mathematics | Social Science |
| Art | French | Microbiology | Sociology |
| Biology | Geography | Music | Spanish |
| Botany | Geology | Philosophy | Speech |
| Chemistry | German | Physics | Zoology |
| Drama | Government | | |

B. Secondary

In accordance with current credential legislation, the student should have one of the following seven combinations of majors and minors:

| <u>Major</u> | <u>Minors</u> |
|--------------------------------------|---|
| 1. Academic, commonly taught | No minor required* |
| 2. Academic, commonly taught | Academic, commonly taught |
| 3. Academic, commonly taught | Specialized preparation in lieu of minor ** |
| 4. Academic, commonly taught | Non-academic, commonly taught |
| 5. Non-academic, commonly taught | Academic, commonly taught |
| 6. Academic, not commonly taught | Two minors, commonly taught or **specialized preparation in lieu of one minor |
| 7. Non-academic, not commonly taught | Two academic minors, commonly taught, or **specialized preparation in lieu of one minor |

* A minor is not required by law but is recommended in order that the student may have more opportunities for placement in public schools.

** Specialized preparation (Special Education, Library Science, etc.)

Subjects commonly taught in the secondary school are defined by the State Board of Education to be: The humanities, social sciences, natural sciences, mathematics, fine arts, health science, home economics, industrial arts, physical education, fire prevention and public safety and accident prevention, agriculture science, business education, driver education, journalism, military science, and vocational trade and technical subjects.

C. For student teaching at CSCLA, the student must have a teaching major or a teaching minor in at least one of the following subjects:

| | | | |
|--------------------|-----------------|--------------------|--|
| Art | French | Industrial Arts | Social Science |
| Biological Science | Geography | Journalism | (with a concentration in Geography, Government, History) |
| Business Education | German | Mathematics | Spanish |
| Chemistry | Government | Music | Special Education |
| Drama | Health & Safety | Physics | Speech |
| Driver Education | History | Physical Education | |
| English | Home Economics | | |

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE EQUIVALENTS

| <u>MINOR</u> | <u>CSCLA COURSE</u> | <u>LAC COURSE</u> |
|-----------------------------|---|---|
| <u>Anthropology</u> | Anthropology 250 Anthropology 260 | Anthropology 2 Anthropology 1 |
| <u>Art</u> | Art 102 Art 103 Select <u>one</u> of the following: Art 104 * <u>or</u> Art 234 * Select <u>one</u> of the following: Art 106 Art 111 * <u>Secondary</u> : Both required | Art 52 Art 11 Art 20 Art 22 Art 1 Art 2 |
| <u>Biology</u> | <u>Elementary</u> : Requirements may be met by taking any 20-21 units selected in consultation with an adviser. <u>Secondary</u> : Biology 100AB Biology 100C Chemistry 100AB Mathematics 102 * Botany 220 * May be met by high school background certified as adequate by Mathematics Department. | Biology 6-7 or Zoology 1-2 Chemistry 1-2 Mathematics 4 * Botany 2 |
| <u>Botany</u> | <u>Elementary</u> : No minor offered <u>Secondary</u> : Same as Biology Minor | |
| <u>Business Education</u> : | Business 113 Business 200A Business 211 Business 212 | Business 1 Accounting 1 Recommended: Secretarial Science 4,5, 21,23 or Office Mach. 21 Office Machines 1-2 |

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY
CREDENTIAL MINORS AND LAC COURSE REQUIREMENTS (Cont.)

| <u>MINOR</u> | <u>CSCLA COURSE</u> | <u>LAC COURSE</u> |
|------------------|--|--|
| <u>Chemistry</u> | Chemistry 120ABC | Chemistry 1-2-5 |
| <u>Drama</u> | Drama 124AB Drama 152 Drama 102AB | Theatre Arts 23-24 Theatre Arts 5 Theatre Arts 44-45 |
| <u>Economics</u> | Economics 201AB Mathematics 240AB | Economics 1-2 Mathematics 23-24 or 6 or 7 |
| <u>English</u> | <u>Elementary:</u> English 221 English 223 <u>Secondary:</u> Same as for B.A. Degree | English 12 |
| <u>French</u> | Same as for B.A. Degree | |
| <u>Geography</u> | Geography 150 Geography 160 Geography 265 or Geography 205 Geography 240 or Geography 260 | Geography 2 Geography 1 Geography 4 Geography 5 Geography 3 |
| <u>Geology</u> | Geology 150 Geology 152 Geology 201 Geology 202 Mathematics 201 Chemistry 100AB | Geology 1-6, or 4 Geology 2-7, or 5 Mineralogy 1 Mineralogy 2 Mathematics 7 Chemistry 1-2 |
| <u>German</u> | German 100ABC is prerequisite for German 200ABC | German 3-4 |

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE REQUIREMENTS (Cont.)

| <u>MINOR</u> | <u>CSCLA COURSE</u> | <u>LAC COURSE</u> |
|----------------------------|---|---|
| <u>Government</u> | Government 200 or Government 403AB Government 201AB Government 202AB | Political Science 2 |
| <u>Health & Safety</u> | Courses in Human Physiology or Anatomy (4-6) Health and Safety 201 | Health 12 |
| <u>History</u> | Same as for B.A. degree | |
| <u>Home Economics</u> | Same as for B.A. degree | |
| <u>Industrial Arts</u> | Industrial Arts 100 Industrial Arts 201 | Industrial Arts 5 Engines 7 |
| <u>Japanese</u> | Japanese 200ABC | Japanese 3-4 |
| <u>Journalism</u> | Journalism 100 Journalism 201-202 | Journalism 5 Journalism 1-2 |
| <u>Mathematics</u> | Mathematics 201-205 | Mathematics 7-8-11 |
| <u>Music</u> | Music 260ABC Music 240C Select 3 units: Music 230 Music 231AB Select 3 units: Music 120 Music 121 Music 122 Music 126 Music 127 | Music 2-6 and 3-7 Select 2 units: Music 40 or 41 Select 2 units: Music 76 or 77 Music 74 Music 56 or 57 Music 55 or 58 |

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE REQUIREMENTS (Cont.)

| <u>MINOR</u> | <u>CSCLA COURSE</u> | <u>LAC COURSE</u> |
|---------------------------|---|---|
| <u>Music (Cont.)</u> | <u>Secondary:</u> In addition to the above courses, Select from following, 3 units: Music 110 sp, bw Music 210 s, w, b, p | Select 2 units: Music 70, 71, 72 |
| <u>Philosophy</u> | Same as for B.A. Degree | |
| <u>Physical Education</u> | See catalog | P.E. 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29 for Women P.E. 30, 31, 32, 33, 36, 37, 39 for Men |
| <u>Physics</u> | Physics 201-205 Physics 206 Mathematics 201-205 | Physics 1-2-3-4 Mathematics 7-8-11 |
| <u>Psychology</u> | Mathematics 102 Psychology 150 Psychology 150L Psychology 201 Psychology 201L | Mathematics 4 Psychology 1 Psychology 2 |
| <u>Sociology</u> | Sociology 201AB | Sociology 1-2 |
| <u>Spanish</u> | Same as for B.A. Degree | |
| <u>Speech</u> | Speech 150 Speech 176 Speech 267 Speech 278 <u>Secondary:</u> In addition to above, take Speech 177 | Speech 1 Speech 11 Speech 4 Speech 13 |

III. SPECIAL EDUCATION

There are no lower division requirements for the five areas of preparation under the heading:

- (1) Deaf and severely hard of hearing;
- (2) Mentally retarded;
- (3) Orthopedically handicapped;
- (4) Speech and hearing handicapped; and
- (5) Visually handicapped.

Completion of a prescribed set of courses can be substituted for a minor, and authorizes service at both elementary and secondary levels. Students who wish to qualify for public school assignments in Special Education must complete requirements for an academic teaching major, and the requirements for one of the above areas.